T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

Final bill

Recorded on :-

Work Code :- 006-16-000005

M. A. R. 57 (Rule 116)

Measurement Book

No. B

Work order No :- EE/BTP/BBMP/E-PMT/LOA/T-07/2015-2016. Date 11/03/2016

262036

erial No. .....

ame of Work Improvements to roads and drains at Annamadri Layout in Ward No-06 Byatarayanapura Sub division.

ame of Contractor or nature of Agency Y.B. Ramesh, No-34, Down Bazar Road, Yelahanka Bangalore-64

ate of commencement of work ..... BR-430/31-8/16 Est Cost :- 20.00 Lakhs

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	① KSRRB 300-2 : Earth work excavation by manual means in Hard Soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods Complete as per Specifications.						
	Quantity vide, As per pre-measurement are recorded in this MB and page No of :- 262066-67 :- 168.68 m³						1H 610.29
	@ Rs. 89.81						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(2) Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc, complete do 7.5 cms thick as per specifications.						
	Annaswamy Kittayya Layout:- Church Rd:-	1	30.00	1.65	-	99.00	
		1	17.70	1.65	-	58.41	
	Jangam Road:-	1	30.00	1.65	-	49.50	
	Site	1	30.00	1.65	-	49.50	
		1	19.30	1.65	-	31.84	
	on	1	30.00	1.65	-	49.50	
	Ashwamma Road:-	1	30.00	1.65	-	0.66	
		1	0.40	1.65	-	338.41 m²	
	Limited to Schedule Qty:-					332.10 m²	
						@RS. 340.01	112917.32

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	(3) KSRRB 500-3: Scarifying to a depth of 10cm along with the existing materials and stacking at one side of road, Sequential supply of fresh aggregates on the water bound macadam by use of mechanical means Quantity vide, As per in this MB and pay	

BOOK

ons		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
cted quality roughly dressed an			
cluding fixing curing etc,			
specifications.			
.65	-	99.00	
.65	-	58.41	
.65	-	49.50	
.65	-	49.50	
.65	-	31.84	
.65	-	49.50	
.65	-	0.66	
		338.41 m²	
le ity :-		332.10 m²	
		CRS. 340.01	112917.32

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 262037

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(3) KSRRB 500-3 : Scarifying existing stone metal layer upto 75 mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100m, Sequential Spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam Specifications. including cost of all labour Hire of machineries Complete as per Specifications. Quantity vide, As per pre-measurement recorded in this MB and page no of :- 262067 - To :- 2850.00 m²						
						CRS. 72.06	205374.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(4) KSRRB on 400-17: Providing, laying spreading and Compacting graded stones aggregate to wet mix macadam Specification including premixing the material with water at one in mechanical mix plant Carriage of mixed method of tipper to site, laying in uniform layers with Paver in Sub base Course on well prepared Surface and Compacting with vibratory roller to achieve the desired density Complete as per Specifications.						
	Quantity vide, As per pre measurements are recorded in this mb and page no of:- 26 2070-73:- 427.50 m³ @RS. 1109.83						474452.32

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	(5) KSRRB 500-1, clearing including removing with wire brushes a soft brushes and fi Compressed air, to re of all materials, labo tion.
	Quantity vide, As per in this mb and

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
laying spreading and Compacting wet mix macadam Specification material with water at one in stage of mixed method of form layers with paver in pared surface and Compacting e the desired density Complete				
measurements are recorded of:-262070-73:-487.50 m³ @RS. 1109.83				474452.32

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262038

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(5)	KSRRB 500-1. clearing the existing WBM/ water bound surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and/or Compressed air, to receive bituminous treatment including cost of all materials, labour, Hire of machineries Complete as per Specifications. Quantity vide, As per, pre-measurement are recorded in this MB and page no of:-262073-76:-2850.00 m² @RS. 10.42						29,697.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	⑥ KSRRB 500-4: Providing and applying primer Coat from 7.5 to 9.8 kg and 9.8 to 12.2 kg per 10 Sqm for Surfaces of low and medium porosity respectively over prepared Surface of granular base with Cut back or C-70 or any other bitumen mixed with diesel at 10 kg per 10 Sqm heated in bitumen boiler fitted with Spray Set (excluding cleaning of road Surface) including Cost of all materials, labour, use of machineries Complete as per Specifications. Quantity vide, As per pre-measurement are recorded in this MB and page No of:- 262076-79:- 2850.00 m² 4,00,852.50 C.R.S. 140.65						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	⑦ KSRRB or 500-18: Provi... 25mm Thick with 100... output of 75 tonnes p... grading. premixed w... filter, transporting ... Paver finisher with ... alignment, rolling ... roller to achieve the ... Anjanadri Layout church Road:-

BOOK

s		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
ing primer Coat from 7.5			
ion for Surfaces of low			
ver prepared Surface of			
C-70 on any other bitumen			
on heated in bitumen boiler			
cleaning of road Surface)			
labour, item of machineries			
ovement are recorded			
2076-79:- 2850.00 m^2			4,00,852.50
	CRS. 140.65		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262039

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
(7)	IKSRRB cl 500-18: Providing and laying Semi dense bituminous Concrete 25mm Thick with 100-120 TPH batch type Hmp producing an average output of 75 tonnes per hour using Crushed aggregates of Specified grading, premixed with bituminous binder at 4.5 to 5% of mix & filler, transporting the hot mix to work site, laying with a hydrostatic Power finisher with Screed Control to the required grade, level & alignment, rolling with Smooth wheeled, vibratory and tandem roller to achieve the defined Compaction as per Specifications.						
	Anjanadri Layout Church Road:-	1	2.20	$\frac{6.80+5.90}{2}$	0.025	0.35	

ಸ.ಆ.: (ಪುಟ 8/2)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	3.00	$\frac{6.20+5.30}{2}$	0.025	0.43	
		1	15.00	$\frac{5.30+4.30}{2}$	0.025	1.80	
		1	15.00	$\frac{4.30+5.20}{2}$	0.025	1.78	
		1	15.00	$\frac{5.20+5.40}{2}$	0.025	1.99	
		1	15.00	$\frac{5.40+5.30}{2}$	0.025	2.01	
		1	15.00	$\frac{5.30+4.90}{2}$	0.025	1.91	
		1	15.00	$\frac{4.90+4.80}{2}$	0.025	1.82	
		1	15.00	$\frac{4.80+4.80}{2}$	0.025	1.80	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2

IENT BOOK

Dimensions			Contents	Reference to last Measurement
ngth 4	Breadth 5	Depth 6	7	8
00	$\frac{6.20+5.30}{2}$	0.025	0.43	
.00	$\frac{5.30+4.30}{2}$	0.025	1.80	
.00	$\frac{4.30+5.20}{2}$	0.025	1.78	
.00	$\frac{5.20+5.40}{2}$	0.025	1.99	
.00	$\frac{5.40+5.30}{2}$	0.025	2.01	
.00	$\frac{5.30+4.90}{2}$	0.025	1.91	
.00	$\frac{4.90+4.80}{2}$	0.025	1.82	
.00	$\frac{4.80+4.80}{2}$	0.025	1.80	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262040

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
		1	15.00	$\frac{4.80+5.10}{2}$	0.025	1.86	
	Cite	1	15.00	$\frac{5.10+5.30}{2}$	0.025	1.95	
	on	1	7.50	$\frac{5.30+5.30}{2}$	0.025	0.99	
	No. (Sheet No. 2)						
	Annaraayyathi Layout Dargas						
	Road:-	1	0.50	$\frac{5.80+6.20}{2}$	0.025	0.08	
	cite	1	10.00	$\frac{6.20+5.10}{2}$	0.025	1.41	
	on						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	17.00	$\frac{5.10+6.10}{2}$	0.025	2.38	
		1	15.00	$\frac{6.30+3.70}{2}$	0.025	1.88	
		1	15.00	$\frac{3.70+4.30}{2}$	0.025	1.50	
		1	11.20	$\frac{4.30+4.30}{2}$	0.025	1.20	
		1	15.00	$\frac{4.30+4.60}{2}$	0.025	1.67	
		1	15.00	$\frac{4.60+4.80}{2}$	0.025	1.76	
		1	15.00	$\frac{4.80+4.70}{2}$	0.025	1.78	
		1	15.00	$\frac{4.70+4.90}{2}$	0.025	1.80	

Vb
Cafe
30/8 ಅಗಲ
ನ.ಆ.(ಬಾ.ಪ)

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Checked. Vb ನ.ಆ.(ಬಾ.ಪ) Cafe Ashwathnagar Road

Depth 6	Contents 7	Reference to last Measurement 8
0.025	2.38	
0.025	1.88	
0.025	1.50	
0.025	1.20	
0.025	1.67	
0.025	1.76	
0.025	1.78	
0.025	1.80	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 262041

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Checked. V.b. (Bk. 2)	1	15.00	$\frac{4.90+4.60}{2}$	0.025	1.78	
		1	15.00	$\frac{4.60+4.20}{2}$	0.025	1.65	
	C.site	1	9.00	$\frac{4.20+5.50}{2}$	0.025	1.09	
	on	1	11.60	$\frac{4.80+4.00}{2}$	0.025	1.28	
	Ashramam Road:-	1	15.00	$\frac{5.30+5.10}{2}$	0.025	1.95	
	C.site	1	15.00	$\frac{5.10+5.10}{2}$	0.025	1.91	
	on	1	15.00	$\frac{5.10+5.00}{2}$	0.025	1.89	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	15.00	$\frac{5.00+4.80}{2}$	0.025	1.84	
		1	15.00	$\frac{4.80+5.10}{2}$	0.025	1.86	
		1	15.00	$\frac{5.10+5.00}{2}$	0.025	1.89	
		1	15.00	$\frac{5.00+5.10}{2}$	0.025	1.89	
		1	15.00	$\frac{5.10+5.10}{2}$	0.025	1.91	
		1	15.00	$\frac{5.10+5.10}{2}$	0.025	1.91	
		1	15.00	$\frac{5.10+5.00}{2}$	0.025	1.89	
		1	15.00	$\frac{5.00+4.60}{2}$	0.025	1.80	
		1	15.00	$\frac{4.60+4.60}{2}$	0.025	1.73	

Cite on

Serial No: .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2

Cite on

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
+4.80/2	0.025	1.84	
+5.10/2	0.025	1.86	
+5.00/2	0.025	1.89	
+5.10/2	0.025	1.89	
+5.10/2	0.025	1.91	
+5.10/2	0.025	1.91	
+5.00/2	0.025	1.89	
+4.60/2	0.025	1.80	
+4.60/2	0.025	1.73	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262042

Serial No: .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Cut on ..	1	15.00	(4.60+4.90)/2	0.025	1.78	
		1	5.40	(4.90+5.00)/2	0.025	0.67	
		1	15.00	(4.90+5.00)/2	0.025	1.86	
		1	15.00	(5.00+5.10)/2	0.025	1.89	
		1	25.00	(5.10+4.90)/2	0.025	3.13	
						71.75 m3	
		Limited to schedule is 8% :-				71.25 m3	7,04,060.43
						@ Rs. 9881.55	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(8) Lead for disposal of debries shall be payable at Conveyance rates by mechanical means including loading and un loading. From 0.00 to 2.00 Kms as per Specifications.						
	Site						
	Quantity vide item no: (1) :- 162.68 m^3						11,709.70
	@ Rs. 71.98						
	Total bill Amount Rs. 19,53,670.98						
	AE. 22/8/2016						
	CERTIFICATE :-						
	(1) Certified that the above work done is satisfactorily Completed.						
	(2) Certified that the, Agency has cleared the debries from this work ~~there is no debries~~ ~~to Site~~.						

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2

Ashram
Durga

ಸಹಾಯಕ ಅಭಿಯಂತರ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬಾಟರಾಯನಪುರ ಉಪ

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
			payable at Carriage rates loading and un loading. cifications.
			item no:①: -162.68m³ @ Rs. 71.98 — 11,709.70
			ll Amount Rs. 19,53,670.98
			done: & Satisfactorily, Comp
			leared the debris from the work odebries have been cleared

Executive Engineer
pura Sub Division
Bangalore

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262043

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
			Sketch				

Durga Road
L = 179.3 m
Ashrama (cr)
Durgamma Temple Road
N

27/7/2016
AE.

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 19,53,670=00 ಗುತ್ತಿಗೆದಾರರು ಮಾಡಿರಬೇಕಾದ ಕೆಲಸಗಳಿಗೆ ರೂ 180477=00 ಮೇಲಾಧಿಕಾರಿಗಳಿಂದ ಬರಬೇಕಾದ ಮೊಬಲಗು 1773,193=00 ಹೆಚ್ಚಿನ ಕೆಲಸಗಳ ವಿವರಗಳು ಅಭಿಪ್ರಾಯ ಎಷ್ಟು ಮೊಬಲಗಿಗೆ ಮಾಡಿಸಬೇಕು ಇಂಜಿನಿಯರ್ ಸಹಿ ಸ. ಮ. ಸಂ. ಇ.					IT - 19537 - VAT - 78147 - Cess - 19537 - SBC - 9754 - Roy - 61302 - Total 180477=00 12/9/16	

Serial No. .....
Name of Work .....
Name of Contractor of natur
Date of commencement of w

Date	Full description, e
1	2